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U. S. Department of Agriculture - Forest Service  
 CENTRAL STATES FOREST EXPERIMENT STATION  
 In Cooperation With  
 Ohio Agricultural Experiment Station  
 DEPARTMENT OF FORESTRY

Technical Note 35.

VOLUME TABLE<sup>1/</sup>  
 for  
EASTERN WHITE PINE  
 (Pinus strobus)

Mohican River Gorge, Holmes County, Ohio

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 DEC 18 1941  
 October 1, 1941  
 U. S. Department of Agriculture

MERCHANTABLE STEM TO A VARIABLE TOP DIAMETER      INTERNATIONAL RULE ( $\frac{1}{4}$ " KERF)

Diameter : breast high : outside bark: (inches) :	Gross volume of stem in 12.3-foot logs to merchantable height	Basis						
Bd.ft. : Number								
7	10	20	29					4
8	13	25	38					3
9	17	32	47	62				5
10	20	39	58	76	95			6
11	47	70	92	114				7
12	56	82	109	135	161			5
13	65	96	126	157	188			6
14		111	146	182	217			5
15		127	167	208	248			5
16		144	189	235	281	326		7
17		161	213	264	316	367		5
18		180	238	296	353	410		4
19		200	264	328	392	455		6
20		221	292	362	432	503		4
21			317	399	475	552		8
22			351	436	520	604		5
23			382	475	567	659		5
24			415	516	616	715		3
25			449	584	666	774		1
26			485	602	719	835		1
27				648	773	899		-
28				695	830	964		1
Basis in trees-- number	: 4 : 8 : 13 : 24 : 31 : 11 : 5 : 96							

- <sup>1/</sup> Trees climbed and measured by personnel of Work Projects Administration Official Project 65-1-42-166 - "The Ohio Woodland Survey." Measurements taken at 12-foot log lengths above a 1.0-foot stump height. Scaled as 12-foot logs, and additional shorter top logs; top sections less than 8 feet in length scaled as fractions of an 8-foot log. Table prepared, in 1941, by the equation method. Coefficient of multiple correlation (R) = .995. Standard error of estimate, approx. 10% of estimated volume. Block shows limits of basic data.

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